

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/589,702  
Source: IFWP  
Date Processed by STIC: 08/28/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 08/28/2006

PATENT APPLICATION: US/10/589,702

TIME: 09:33:50

Input Set : A:\21314P.TXT

Output Set: N:\CRF4\08282006\J589702.raw

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5   Connolly, Thomas M.
7 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NOVEL
8   MURINE LOW-VOLTAGE ACTIVATED CALCIUM CHANNEL PROTEINS
9   DESIGNATED - ALPHA1H, ENCODED PROTEINS AND METHODS OF USE
10  THEREOF
12 <130> FILE REFERENCE: 21314P
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/589,702
C--> 14 <141> CURRENT FILING DATE: 2006-08-17
14 <150> PRIOR APPLICATION NUMBER: PCT/US2005/004432
15 <151> PRIOR FILING DATE: 2005-02-14
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18 <151> PRIOR FILING DATE: 2004-02-18
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166 35 40 45
167 Leu Ala Pro Glu Ser Pro Gly Thr Glu Cys Gly Ala Asp Leu Gly Ala
168 50 55 60
169 Asp Glu Glu Gln Pro Val Pro Tyr Pro Ala Leu Ala Ala Thr Val Phe
170 65 70 75 80
171 Phe Cys Leu Gly Gln Thr Thr Arg Pro Arg Ser Trp Cys Leu Arg Leu
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178 130 135 140
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181 Phe Gly Gln Lys Cys Tyr Leu Gly Asp Thr Trp Asn Arg Leu Asp Phe
182 165 170 175
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208          370          375          380
209 Tyr Tyr Val Met Asp Ala His Ser Phe Tyr Asn Phe Ile Tyr Phe Ile
210 385          390          395          400
211 Leu Leu Ile Ile Val Gly Ser Phe Phe Met Ile Asn Leu Cys Leu Val
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222          485          490          495
223 His Gly Gln Gly Pro Gly Arg Arg Pro Arg Arg Ala Gly Arg Thr
224          500          505          510
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226          515          520          525
227 His Tyr His Phe Ser His Gly Gly Pro Arg Arg Pro Ser Pro Glu Pro
228          530          535          540
229 Gly Ala Gly Asp Asn Arg Leu Val Arg Ala Cys Ala Pro Pro Ser Pro
230 545          550          555          560
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232          565          570          575
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234          580          585          590
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**VERIFICATION SUMMARY**

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Input Set : A:\21314P.TXT

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date